



eRA Update

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EPMC

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Agenda

- Planning Process
- FY04 eRA Enhancements
- Crosswalk of Goals to FY04 eRA Enhancements
- New Contracts
- FY04 Development Task Orders
- CGAP & Grants.gov Update
- eRA Training



Annual Planning Approach

Step 1: Produce Candidate Work List (Completed)

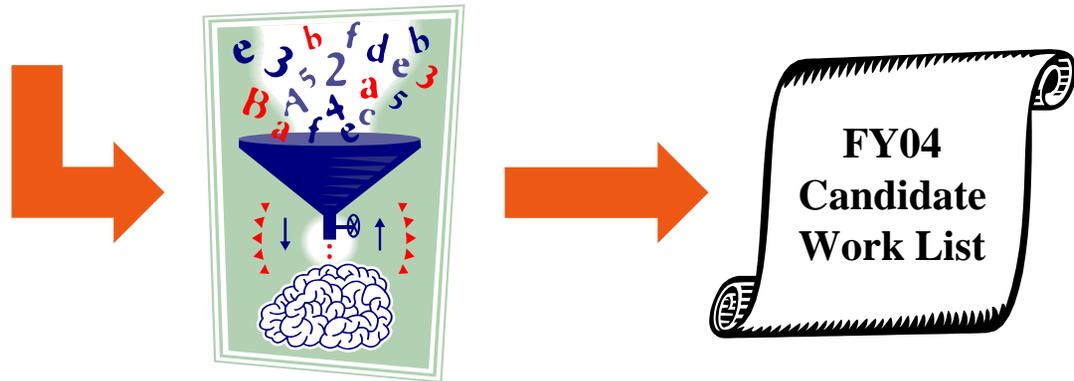
INPUTS

Internal Knowledge (*e.g., user needs, data quality needs, etc.*)

Legislation & Policy (*e.g., HHS OPDIVs*)

Industry Best Practices (*e.g., J2EE*)

Federal, HHS and NIH Plans (*e.g., OMB 300/GPRA goals*)



Annual Planning Approach

Step 2: Functional & Sizing Analysis (Completed)

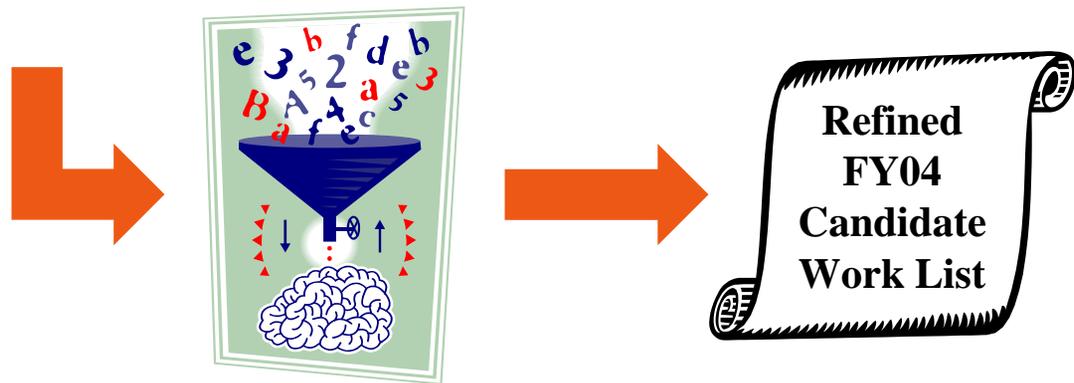
FY04 Candidate Work List

Scope & Dependencies

BPM & Requirements (*what we need and what we have*)

Architectural Considerations

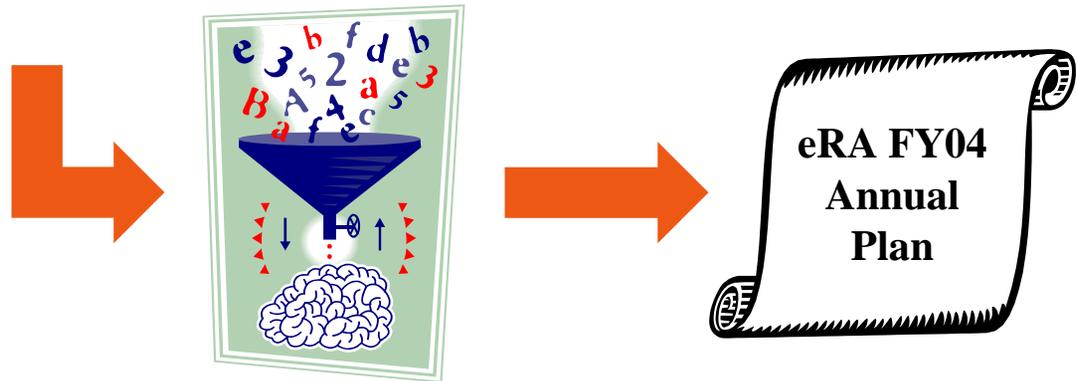
Initial Duration & Cost Guesses



Annual Planning Approach

Step 3: Budget & Schedule Analysis (To Do)

Must Review Plan Quarterly (or as needed)



FY04 eRA Enhancements

Planned Funded	Electronic Receipt (CGAP enhancements, eNAP, NRSA, resubmissions, FSR NGA Profiles)
	Commons Expansion
	Operating Division (OPDIV) Integration
	Contract interface to DCIS
	Single Sign-on
	Organizational Hierarchy and Delegation
	Workflow (eRequest-901, ARA; eNotification; cross-business area communication, annotation of files)
	RFA/PA system analysis only
	Datamart (improved eRA queries, KM, and OPDIV integration reporting)
	J2EE Migration
New and Shifting Priorities (Unfunded)	Knowledge Management (KM) - Coding
	Most Efficient Organization (MEO)
	Co-Investigator & Key Personnel
	Grants.gov
	eRecords Management
Not Planned for FY04	IRDB Redesign
	OLAW System Integration



eRA FY04 Strategic Goals & Enhancements

FY04 Strategic Goal	FY04 Enhancements
Implement an end-to-end capability for the electronic administration of grants.	<ul style="list-style-type: none"> ● CGAP Enhancements ● CGAP/Grants.gov Integration
Enhance the quality, availability and delivery of HHS information and services to citizens, employees, businesses and government.	<ul style="list-style-type: none"> ● J2EE migration <ul style="list-style-type: none"> — Persons Module, Edit Checker, User Admin (phase 1) — Grant Update Module, Grants Mgmt Module (phase 2) — iEdison (phase 3)
Enhance the quality, availability and delivery of HHS information and services to citizens, employees, businesses and government.	<ul style="list-style-type: none"> ● Workflow <ul style="list-style-type: none"> — eNotification; architecture for electronic routing ● Virtual Organization Layers ● Single Sign-on



eRA FY04 Strategic Goals & Enhancements

FY04 Strategic Goal	FY04 Enhancements
<p>Implement an end-to-end capability for the electronic administration of grants.</p>	<ul style="list-style-type: none"> ● Commons Expansion <ul style="list-style-type: none"> — Closeout status in Commons status; Creation of protocols in E-SNAP; Expose organizational hierarchy in Commons status; External version of Web QT in status; J2EE X-Train with end-to-end processing ● Contract interface to DCIS ● RFA/PA system - analysis only
<p>Implement an enterprise approach to IT infrastructure and common administrative systems that will foster innovation and collaboration.</p>	<ul style="list-style-type: none"> ● OPDIV Integration <ul style="list-style-type: none"> — eRA enhancements to support OPDIVs — Datamart for eRA and ACF GATES system

New Contracts

Contract	Partners	Role
IBM	Ekagra Z-Tech	Integration, Architecture, Analysis, and Integration Testing
RNSolutions		Technical Operations
RS Information Systems		Helpdesk Support
Optimus		Documentation Support

New Development Contracts

Contract	Partners	Role
AC Technologies (ACT)	Booz Allen, Hamilton	Design & Development
Northrop Grumman Information Technology, Inc. (NGIT)	Silicon Spirit, Global Solutions	Design & Development
Science Application International Corp. (SAIC)	Altum, Turner Consulting Group	Design & Development

❖ Each Design & Development Contractor competes for task orders.

FY04 Development Task Orders

- Maintenance Task Order
 - Awarded initial maintenance task order to AC Technologies in late December 2003.
 - Targeting smaller, more frequent maintenance releases.
- iEdison Maintenance
 - Request for Quote bids are under review.
 - Award expected by next week.
- Datamart
 - Request for Quote has been let.
 - Award expected in mid-February.



Task Orders Targeted for February 2004 Award

- **CGAP Pilot**

- *Evaluation*—Review software products to determine whether or not eRA should continue to build out or buy the exchange.
- *Programming*—Create a prototype of the exchange and develop a sub-schema.

Estimated Time for Completion: Three Months

Task Orders Targeted for February 2004 Award

- NIH eRA Commons Expansion
 - Create J2EE version of X-Train with end-to-end processing
 - Create protocols in e-SNAP
 - Expose organizational hierarchy in Status
 - Implement external version of Web QT in Status

Estimated Time for Completion: At least 1 year

Task Orders Targeted for February 2004 Award

- DCIS
 - Create DCIS Interface

Estimated Time for Completion: Summer 2004

Additional Recommendations for 2004 Task Orders

- *J2EE Migration—*
 - Kumaron Systems' contract through IBM.
 - Initiate migration of tools and applications using Kumaron Systems' tools.
 - Target User Admin. and Grants Management for proof of concept.

- *Lifecycle Redesigns—*
 - Complete initial conversion to J2EE before awarding task orders to life cycle redesigns.

- *Adding functionality to J2EE Internal Applications*
 - Develop task order strategy for adding J2EE Internal Applications to the list of 2004 task orders.

- *Workflow—*
 - Conduct architectural evaluation before Workflow is added on the list of 2004 February task orders.

CGAP & Grants.gov Status

- October/November CGAP Pilot Status
 - Received 20 new competing and continuing
 - Simple Research Grant Applications, modular budgets
 - Applicants sent in paper for back-up
 - Processed 13 successfully
 - Awaiting peer review in February
- CGAP Phase II Pilot (Upcoming)
 - Same criteria (excluding the need for paper)
 - Enhancements have been made for better processing
 - Half-dozen expected
 - Plan to ramp up mid-2004 to a few hundred
- Grants.gov
 - Small pilot in February/March
 - System-to-system testing in March/April
 - Ramp up mid-2004



eRA Training Challenges

- New contract topology
 - Loss of training resources
- HRDD consolidation into HHS University
 - No longer available as a resource for eRA training
- Training program in transition along with eRA project
 - Future training update for EPMC to be scheduled